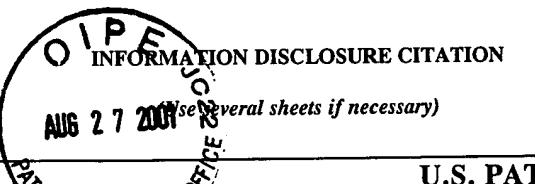
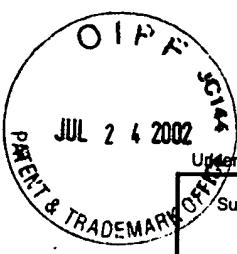


Form PTO-1449 (Rev. 8-83)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE							ATTY. DOCKET NO: 22723-17		APPLICATION NO: 09/817,757-7870		
									APPLICANTS: Stephen J. Mashl et al.				
									FILING DATE: March 26, 2001		GROUP ART UNIT: 1762		
U.S. PATENT DOCUMENTS													
EXAMINER INITIAL		DOCUMENT NUMBER						DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE*	
<i>ASP</i>	AA	4	4	7	7	9	5	5	10/23/84	Becker et al.	29	157.1	
	AB	4	5	4	4	5	2	3	10/01/85	McCollough et al.	419	8	
	AC	4	6	1	0	6	9	8	09/09/86	Eaton et al.	51	295	
	AD	4	8	2	0	6	6	3	04/11/89	Mehrotra et al.	501	87	
	AE	4	8	4	4	8	6	3	07/04/89	Miyasaka et al.	419	8	
	AF	4	9	5	6	3	1	5	09/11/90	Mehrotra et al.	501	87	
	AG	4	9	6	6	7	4	8	10/30/90	Miyasaka et al.	419	8	
	AH	5	7	3	5	9	2	7	04/07/98	Sanghera et al.	65	389	
	AI	5	9	5	6	8	4	5	09/18/99	Arnold	29	889.1	
	AJ	6	0	4	9	9	7	8	04/18/00	Arnold	29	889.1	
FOREIGN PATENT DOCUMENTS													
		DOCUMENT NUMBER						DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
												<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)													
Examiner	Date Considered:	<i>ASP 9/27/02</i>											
	*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and considered. Include copy of this form with next communication to applicant.												



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(use as many sheets as necessary)

Sheet	1	of	2	Attorney Docket Number	022723-0017
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Complete if Known

Application Number	09/817,757-7870
Filing Date	March 26, 2001
First Named Inventor	Stephen J. Mashl
Art Unit	1762
Examiner Name	M. Padgett

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
<i>Mashl</i>	A	5,166,471	11-24-1992	Maselli et al.	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁴
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				

¹ Applicant's unique citation designation number (optional). ² See attached Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the application number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²

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